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2. The mammalian cell culture harvest method according to claim 1, wherein the non-ionic polymer is selected from PEG 3,000 and PEG 6,000.

3. The mammalian cell culture harvest method according to claim 1, further comprising adding a non-ionic surfactant to the cell culture medium.

4. The mammalian cell culture harvest method according to claim 3, wherein the non-ionic surfactant is Triton X-100.

5. The mammalian cell culture harvest method according to claim 1, further comprising
 washing the primary settle flocculent,
 allowing the washed flocculent to settle for a secondary settle, and
 recovering the secondary clarified supernatant.

6. The method according to claim 1, where the cationic polymer and the non-ionic polymer are added simultaneously.

7. The method according to claim 1, where the cationic polymer is added first and mixed for at least 30 seconds followed by addition of the non-ionic polymer.

8. The method according to claim 1, where the cationic polymer, the non-ionic polymer and a non-ionic surfactant are added simultaneously.

9. The method according to claim 1, where the cationic polymer is added first and mixed for at least 30 seconds followed by addition of the non-ionic polymer and a non-ionic surfactant.

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10. The method according to claim 3, wherein the non-ionic surfactant is Sapoin or Triton X100.

11. The method according to claim 1, wherein the polydiallyldimethylammonium chloride is added at a concentration of at or about 20 to at or about 90 pg/total cell density.

12. The method according to claim 1, wherein the polydiallyldimethylammonium chloride is added at a concentration of at or about 25 pg/total cell density wherein the mammalian cells originate from a diploid cell line.

13. The method according to claim 1, wherein the polydiallyldimethylammonium chloride is added between 43 pg/total cell density and 57 pg/total cell density wherein the mammalian cells originate from a tetraploid cell line.

14. The method according to claim 2, wherein the concentration of PEG 3,000 is at or about 3% to at or about 4.5%.

15. The method according to claim 2, wherein the concentration of PEG 6,000 is at or about 2.5% to at or about 3.5%.

16. The method according to claim 4, wherein the concentration of Triton X100 is 0.05% (w/v).

17. The method according to claim 1, wherein the mammalian cell culture medium is between 36° C. and 20° C.

18. The method according to claim 1, wherein the mammalian cell culture medium is at or above 20° C.

19. The method according to claim 5, wherein the flocculent from the primary settle is washed in a 9% sucrose solution.

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